

Documented record of Brazilian snake-necked turtle (*Hydromedusa maximiliana* GRAY 1844) in Reserva Biológica de Paranapiacaba, Santo Andre, Sao Paulo State, Brazil.

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Antonio Silveira R. dos Santos
Environmental Program: The Last Noah's Ark
www.ultimaarcadenoe.com.br

Hydromedusa maximiliani, Brazilian snake-necked turtle in English, or Cágado-da-serra Brazilian Portuguese (Family Chelidae) is a species of turtle endemic to southeastern Brazil (WIKPEDIA,2020) and endangered in category Vulnerable by IUCN (IUCN,2020).

This species live in the freshwater of small rivers or temporary ponds in the Atlantic rainforest. Because this it is a species very difficult to find.

But on January, 30, 2020, about 10am, in the Reserva Biologica Paranapanema (REBIO, Santo Andre municipality, São Paulo State, Brazil (23°46'46.17"S-46°18'39.68"O, elev.800m) founded in 1909, UC of Instituto de Botanica-SP, the author and Oliver Priolli in the field work to wildlife watching and record the fauna and flora for the author's project have the opportunity to observe one individual of *Hydromedusa maximiliani* in the freshwater in the small temporary pond near a stream in the forest (PHOTO 1). Apparently it is a young individual (PHOTOS 2). It was photographed and recorded by video 4k. The video is in internet (YOUTUBE,2020).

The area is a forest ecosystem of Atlantic rainforest of REBIO that has 336 ha, is located in the big forest of Serra do Mar (PHOTO 3).

In recent survey of fauna and flora of the Paranapiacaba biological reserve, not found of *Hydromedusa maximiliani* (LOPES, 2009), but there are three individuals in the

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Museu de Zoologia, SP. Alls of Paranapiacaba region being one from biological reserve of 2004.

The presence of this species shows the natural importance of Reserva Biológica de Paranapiacaba and the region.

Perhaps this is one of the first records by videos of this species for this biological reserve showing the rarity of records of this species.

Because this, we believe that this documented record in this simple note, can add some more data on this turtle, and help your population study.

Acknowledgments: thanks to Instituto de Botânica de S.Paulo special to Domingos Rodrigues and Janaina Pinheiro for authorized the study in the REBIO Paranapiacaba and my project “*Levantamento audio visual da flora e fauna da Reserva Biológica de Paranapiacaba*”. Thanks Oliver Priolo for the company in the field work in the day of discovery this species.

References:

IUCN,2020 . < <https://www.iucnredlist.org/species/10309/97269236> >

LOPES, MÁRCIA I.M.S.; KIRIZAWA,M; MELO, MARIA M. Patrimônio da Reserva Biológica do Alto da Serra de Paranapiacaba: a antiga Estação Biológica do Alto da Serra. São Paulo, Instituto de Botânica,2009.

YOUTUBE < <https://www.youtube.com/watch?v=p3gw1tsOQtM> >

WIKPEDIA, < https://en.wikipedia.org/wiki/Brazilian_snake-necked_turtle >. Consulted 03/2/2020

Below photos by the author:

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Photo 1 – temporary pond in the forest



Photo 2- *Hydromedusa maximiliana*

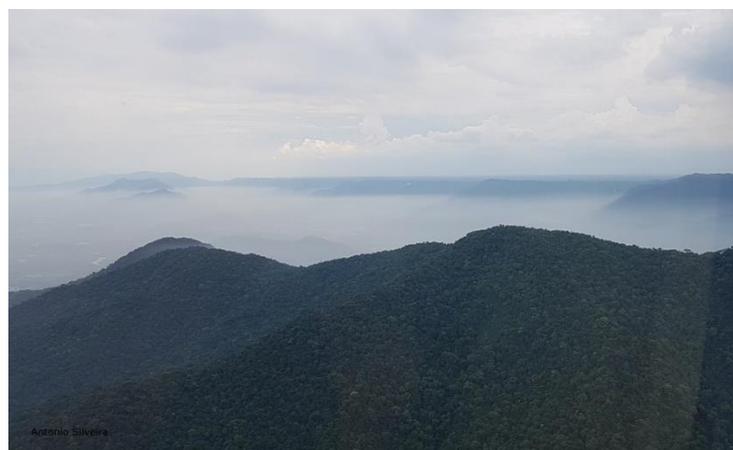


Photo 3 Serra do Mar near the REBIO Paranapiacaba-aerial view.
The Atlantic Rainforest